

ABSTRACT

A panel module having a gate driver and a source driver;
a control board disposed on a first side of the panel module,
comprising: an input interface for receiving plural types of
5 video signals, adapted to select a first-type video signal
from the plural types of video signals and generate a first
digital video signal according to the first-type video signal;
a scaler module, comprising a time control unit, and is
provided to receive the first digital video signal; and a
10 micro-processing device, adapted to output a first control
signal that controls the scaler module to generate a
gate/source-driving signal for the gate driver and the source
driver according to the first digital video signal. The LCD
monitor further comprises a frame structure, covering the
15 periphery of the panel module; and a cover structure
conjugated with the frame structure in the aspect of the first
side, used to cover the first side of the panel module and the
control board thereon.